

.FORM PTO-1449 (Modified)

ATTY. DOCKET NO.  
6870-500BSERIAL NO.  
08/700,565LIST OF PATENTS AND PUBLIC DOCUMENTS FOR  
APPLICANT'S INFORMATION DISCLOSURE  
STATEMENTAPPLICANT  
GRUENBERGFILING DATE  
7/25/96GROUP  
Unassigned

1816

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUB CLASS	FILING DATE
RBS	AA	3	8	2	1	0	8	7	6/28/74	Knazek et al.	195	127	5/18/72
	AB	3	8	8	3	3	9	3	5/13/75	Knazek et al.	195	1.8	2/11/74
	AC	3	9	9	7	3	9	6	12/14/76	Delente	195	1.8	7/02/73
	AD	4	0	8	7	3	2	7	5/02/78	Feder et al.	195	1.7	4/12/76
	AE	4	2	0	0	6	8	9	4/29/80	Knazek et al.	435	2	8/29/78
	AF	4	2	0	6	0	1	5	6/03/80	Knazek et al.	435	2	8/29/78
	AG	4	2	2	0	7	2	5	09/02/80	Knazek et al.	435	285	4/03/78
	AH	4	3	0	1	2	4	9	11/17/81	Markus et al.	435	235	7/23/80
	AI	4	3	9	1	9	1	2	7/5/83	Yoshida et al.	435	241	9/18/80
	AJ	4	5	4	6	0	8	3	10/08/85	Meyers et al.	435	240	4/22/83
	AK	4	6	2	9	6	8	6	12/16/86	Gruenberg	435	1	06/14/82
	AL	4	6	9	0	9	1	5	09/01/87	Rosenberg	514	2	08/08/85
	AM	4	7	2	2	9	0	2	02/02/88	Harm et al.	435	284	11/04/85
	AN	4	8	0	4	6	2	8	02/14/89	Cracauer et al.	435	240.242	08/19/87
	AO	4	8	0	8	1	5	1	02/28/89	Dunn, Jr. et al.	604	6	04/27/87
	AP	4	8	4	9	3	2	9	07/18/89	Leung et al.	435	2	04/20/87
	AQ	4	8	6	1	5	8	9	08/29/89	Ju	424	93	03/23/87
	AR	4	8	9	4	3	4	2	01/16/90	Guinn et al.	435	291	09/22/86
	AS	4	9	3	7	0	7	1	06/26/90	Cioco et al.	424	85.2	12/29/87
	AT	4	9	7	1	7	9	5	11/20/90	Longenecker et al.	424	93	07/21/88
	AU	4	9	7	3	5	5	8	11/27/90	Wilson et al.	435	240.242	04/28/88
	AV	4	9	9	9	2	9	8	03/12/91	Wolfe et al.	435	240.242	04/27/88
	AW	5	0	0	2	8	7	9	03/26/91	Bowlin et al.	435	71.1	12/05/89
	AX	5	0	1	5	5	8	5	05/14/91	Robinson	435	240.242	02/23/88
	AY	5	0	4	1	2	8	9	08/20/91	Phillips et al.	424	85.2	11/13/87

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*R. Silver*

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VBS	AZ	5	0	5	7	4	2	3	10/15/91	Hiserodt <i>et al.</i>	435	240.23	12/18/87
	BA	5	0	6	1	6	2	0	10/29/91	Tsukamoto <i>et al.</i>	435	7.21	03/30/90
	BB	5	0	6	4	7	6	4	11/12/91	Besnainon <i>et al.</i>	435	285	12/19/89
	BC	5	1	2	6	1	3	2	06/30/92	Rosenberg	424	93	08/21/89
	BD	5	1	2	6	2	3	8	06/30/92	Gebhard <i>et al.</i>	435	3	02/15/90
	BE	5	1	4	7	2	8	9	09/15/92	Edelson	604	4	03/29/90
	BF	5	1	4	7	7	8	4	09/15/92	Peault	435	7.24	04/12/90
	BG	5	1	6	2	2	2	5	11/10/92	Sager <i>et al.</i>	435	240.243	07/15/91
	BH	5	1	9	2	5	3	7	03/09/93	Osband	424	85.2	08/19/91
	BI	5	2	0	2	2	5	4	04/13/93	Amiot <i>et al.</i>	435	240.242	10/11/90
	BJ	5	2	2	9	1	1	5	07/20/93	Lynch	424	93	07/26/90
	BK	5	2	4	2	6	8	7	09/07/93	Tykocinski <i>et al.</i>	424	93	04/25/91
	BL	5	2	7	7	9	0	7	01/11/94	Loria	424	93	07/24/92
	BM	5	3	1	6	7	6	3	05/31/94	Ochoa <i>et al.</i>	424	85.2	07/10/92
	BN	5	3	2	6	7	6	3	07/05/94	Gluchowski <i>et al.</i>	514	249	01/29/93
	BO	5	3	7	4	5	4	9	12/20/94	Leung	435	240.2	01/31/91
	BP	5	3	9	9	3	4	6	03/21/95	Anderson <i>et al.</i>	424	93.21	03/30/94
	BQ	5	3	9	9	3	4	7	03/21/95	Trentham <i>et al.</i>	424	184.1	09/25/92
	BR	5	4	0	9	8	1	3	04/24/95	Schwartz	435	7.24	09/30/93
	BS	5	4	1	1	7	4	9	05/02/95	Mayo <i>et al.</i>	424	578	12/23/92
	BT	5	4	4	3	9	8	3	08/22/95	Ochoa <i>et al.</i>	435	240.2	03/21/88
	BU	5	4	6	6	5	7	2	11/14/95	Sasaki <i>et al.</i>	435	2	04/25/94
	BV	5	4	7	0	7	3	0	11/28/95	Greenberg <i>et al.</i>	435	172.3	08/08/94
	BW	5	4	7	6	9	9	7	12/19/95	Kaneshima <i>et al.</i>	800	2	05/17/94
	BX	5	4	9	8	5	3	7	03/12/96	Bresler <i>et al.</i>	435	235.1	03/09/94

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(D)	BY	5	5	1	2	4	4	4	04/30/96	Patard <i>et al.</i>	435	6	11/30/94	

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER								DATE	COUNTRY	CLASS	SUB CLASS	Translation
✓3>	BZ	9	4	2	2	4	8	9	10/13/94	US WD	15	10		
↓	CA	9	4	2	8	9	1	2	12/22/94	PCT WO	35	14		
↓	CB	9	4	2	9	4	3	6	12/22/94	PCT WO	5	00		
↓	CC	9	5	3	3	8	2	3	12/14/95	PCT WO	5	00		

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

✓235	CD	Autran <i>et al.</i> , A Th0/Th2-like function of CD4 <sup>+</sup> CD7 <sup>-</sup> T helper cells from normal donors and HIV-infected patients, <u>J. Immunol.</u> 154: 1408-1417 (1985)
	CE	Bartholeyns <i>et al.</i> , Immune control of neoplasia by adoptive transfer of macrophages: Potentiality for antigen presentation and gene transfer, <u>Anticancer Research</u> 14: 2673-2676 (1994)
	CF	Benvenuto <i>et al.</i> , Enhanced production of interferon-γ by T lymphocytes cloned from rejected kidney grafts, <u>Transplantation</u> 51: 887-890 (1991)
	CG	Benveuto <i>et al.</i> , Tumor necrosis factor-alpha synthesis by cerebrospinal-fluid-derived T cell clones from patients with multiple sclerosis, <u>Clin. Exp. Immunol.</u> 84: 97-102 (1991)
	CH	Bernhard <i>et al.</i> , Generation of immunostimulatory dendritic cells from human CD34+ hematopoietic progenitor cells of the bone marrow and peripheral blood, <u>Cancer Res.</u> 55: 1099-1104 (1995)
	CI	Boardi <i>et al.</i> , Loco-regional immunotherapy with recombinant interleukin-2 and adherent lymphokine-activated killer cells (A-Lak) in recurrent glioblastoma patients, <u>Cancer Immunol. Immunother.</u> 39: 193-197 (1994)

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## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

VP33	CJ	Brod <i>et al.</i> , Restricted T cell expression of IL-2/Ifn- $\gamma$ mRNA in human inflammatory disease, <u>J. Immunol.</u> 147: 810-815 (1991)
	CK	Cesano <i>et al.</i> , Reversal of acute myelogenous leukemia in humanized SCID mice using a novel adoptive transfer approach, <u>J. Clin. Invest.</u> 94: 1076-1084 (1994)
	CL	Chen <i>et al.</i> , Donor T cells can be induced to grow and survive long term <i>in vivo</i> without previous host immunosuppression, <u>J. Immunol.</u> 152: 4767-4774 (1994)
	CM	Chen <i>et al.</i> , Regulatory T cell clone induced by oral tolerance: Suppression of autoimmune encephalomyelitis, <u>Science</u> 265: 1237-1240 (1994)
	CN	Cherwinski <i>et al.</i> , Two types of mouse helper T cell clone, <u>J. Exp. Med.</u> 166: 1229-1244 (1987)
	CO	Chick <i>et al.</i> , Beta cell culture on synthetic capillaries: An artificial endocrine pancreas, <u>Science</u> 187: 847-849 (1975)
	CP	Clerici <i>et al.</i> , A T <sub>H</sub> 1-T <sub>H</sub> 2 switch is a critical step in the etiology of HIV infection, <u>Immunology Today</u> 14.3: 107-111 (1993)
	CQ	David <i>et al.</i> , Continuous production of carcinoembryonic antigen in hollow fiber cell culture units: Brief communication, <u>J. Natl. Cancer Inst.</u> 60.2: 303-306 (Feb. 1978)
	CR	de Carli <i>et al.</i> , Cytolytic T cells with Th1-like cytokine profile predominate in retroorbital lymphocytic infiltrates of Graves' ophthalmopathy, <u>J. Clin. Endocrinol. Metabol.</u> 77.5: 1120-1124 (1993)
	CS	De Jong <i>et al.</i> , Maturation- and differentiation-dependent responsiveness of human CD4 <sup>+</sup> T helper subsets, <u>J. Immunol.</u> 149: 2795-2802 (Oct. 1992)
	CT	Del Prete <i>et al.</i> , High potential to tumor necrosis factor $\alpha$ (TNF- $\alpha$ ) production of thyroid infiltrating T lymphocytes in Hashimoto's thyroiditis: A peculiar feature of destructive thyroid autoimmunity, <u>Autoimmunity</u> 4: 267-276 (1989)
	CU	Del Prete <i>et al.</i> , Purified Protein derivative of <i>Mycobacterium tuberculosis</i> and excretory-secretory antigen(s) of <i>Toxocara canis</i> expand <i>in vitro</i> human T cells with stable and opposite (type 1 T helper or type 2 T helper) profile of cytokine production, <u>J. Clin. Invest.</u> 88: 346-350 (July 1991)
	CV	Dillman <i>et al.</i> , Continuous interleukin-2 and tumor-infiltrating lymphocytes as treatment of advanced melanoma, <u>Cancer</u> 68: 1-8 (1991)
	CW	Dillman <i>et al.</i> , Continuous interleukin-2 and lymphokine-activated killer cells for advanced cancer: A national biotherapy study group trial, <u>J. Clin. Oncology</u> 9.7: 1233-1240 (1991)
↓	CX	Eastcott <i>et al.</i> , Adoptive transfer of cloned T helper cells ameliorates periodontal disease in nude rats, <u>Oral Microbiol. Immunol.</u> 9: 284-289 (1994)

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## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>RBS</i>	CY	Elson <i>et al.</i> , T cell subpopulation phenotypes in filarial infections: CD27 negativity defines a population greatly enriched for T <sub>h</sub> 2 cells, <u>Internat. Immunol.</u> 6: 1003-1009 (1993)
	CZ	Englemann <i>et al.</i> , Activation of human T lymphocyte subsets: Helper and suppressor/cytotoxic T cells recognize and respond to distinct histocompatibility antigens, <u>J. Immunol.</u> 127: 2124-2129 (1981)
	DA	Faradji <i>et al.</i> , Large scale isolation of human blood monocytes by continuous flow centrifugation elutriation for adoptive cellular immunotherapy in cancer patients, <u>J. Immunol. Meth.</u> 174: 297-309 (1994)
	DB	Fiorentino <i>et al.</i> , Two types of mouse T helper cell, <u>J. Exp. Med.</u> 170: 2081-2095 (1989)
	DC	Firestein <i>et al.</i> , A new murine CD4 <sup>+</sup> T cell subset with an unrestricted cytokine profile, <u>J. Immunol.</u> 143: 518-525 (1989)
	DD	Fowler <i>et al.</i> , Donor lymphoid cells of Th2 cytokine phenotype reduce lethal graft versus host disease and facilitate fully allogeneic cell transfers in sublethally irradiated mice, <u>Advances in Bone Marrow Purging and Processing</u> : 533-540 (1994)
	DE	Foon <i>et al.</i> , Renal cell carcinoma treated with continuous-infusion interleukin-2 with <i>ex vivo</i> -activated killer cells, <u>J. Immunotherapy</u> 11: 184-190 (1992)
	DF	Foulis <i>et al.</i> , Insulitis in type 1 (insulin-dependent) diabetes mellitus in Man-macrophages, lymphocytes, and interferon- $\mu$ containing cells, <u>J. Pathol.</u> 165: 97-103 (1991)
	DG	Fowell <i>et al.</i> , Evidence that the T cell repertoire of normal rats contains cells with the potential to cause diabetes. Characterization of the CD4 <sup>+</sup> T cell subset that inhibits this autoimmune potential, <u>J. Exp. Med.</u> 177: 627-636 (1993)
	DH	Fowler <i>et al.</i> , Donor lymphoid cells of Th2 cytokine phenotype reduce lethal graft versus host disease and facilitate fully allogeneic cell transfers in sublethally irradiated mice, <u>Advances in Bone Marrow Purging and Processing: Fourth International Symposium</u> , 533-540 (1994)
	DI	Freedman <i>et al.</i> , Intraperitoneal adoptive immunotherapy of ovarian carcinoma with tumor-infiltrating lymphocytes and low-dose recombinant interleukin-2: A pilot trial, <u>J. Immunol.</u> 16: 198-210 (1994)
	DJ	Galandrini <i>et al.</i> , Antibodies to CD44 trigger effector functions of human T cell clones, <u>J. Immunol.</u> 150: 4225-4235 (1993)
<i>↓</i>	DK	Gaudernack <i>et al.</i> , Isolation of pure functionally active CD8 <sup>+</sup> T cells positive selection with monoclonal antibodies directly conjugated to monosized magnetic microspheres, <u>J. Immun. Meth.</u> 90: 179-187 (1986)

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## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>RBS</i>	DL	Goedegbuure <i>et al.</i> , Adoptive immunotherapy with tumor-infiltrating lymphocytes and interleukin-2 in patients with metastatic malignant melanoma and renal cell carcinoma: A pilot study, <u>J. Clin. Oncol.</u> 13: 1939-1949 (1995)
	DM	Gold <i>et al.</i> , Adoptive Tumor immunotherapy using human CD4 <sup>+</sup> T-cells, <u>Br. J. Cancer</u> 67: 865 (1993)
	DN	Gold <i>et al.</i> , Autolymphocyte therapy, <u>J. Surgical Res.</u> 59: 270-286 (1995)
	DO	Grabbe <i>et al.</i> , Dendritic cells as initiators of tumor immune responses: A Possible strategy for tumor immunotherapy, <u>Immunology Today</u> 16: 117-121 (1995)
	DP	Graham <i>et al.</i> , The use of <i>ex vivo</i> -activated memory T cells (autolymphocyte therapy) in the treatment of metastatic renal cell carcinoma: final results from a randomized, controlled, multisite study, <u>Seminars in Urology</u> 11: 27-34 (1993)
	DQ	Grau <i>et al.</i> , Implications of cytokines in immunopathology: Experimental and clinical data, <u>Eur. Cytokine Net.</u> 1: 203-210 (1990)
	DR	Grimm <i>et al.</i> , Lymphokine-activated killer cell phenomenon, <u>J. Exp. Med.</u> 155: 1823-1841 (1982)
	DS	Gullino <i>et al.</i> , Tissue culture on artificial capillaries, <u>Meth. Enzymol.</u> 58: 178-184 (1979)
	DT	Hager <i>et al.</i> , Tumor-associated antigens produced by mouse mammary tumor cells in artificial capillary culture, <u>J. Natl. Cancer Inst.</u> 69: 1359-1365 (1982)
	DU	Hammel <i>et al.</i> , Effect of interleukin-1 $\alpha$ on the <i>in vitro</i> activation of tumor-draining lymph node cells for adoptive immunotherapy, <u>J. Immunotherapy</u> 16: 1-12 (1993)
	DV	Hansen <i>et al.</i> , Monoclonal antibodies identifying a novel T-cell antigen and Ia antigen of human lymphocytes, <u>Immunogenetics</u> 10: 247-260 (1980)
	DW	Hara <i>et al.</i> , Human T cell activation, <u>J. Exp. Med.</u> 161: 1513-1524 (1985)
	DX	Henschler <i>et al.</i> , Maintenance of transplantation potential in <i>ex vivo</i> expanded CD34 <sup>+</sup> - selected human peripheral blood progenitor cells, <u>Blood</u> 84: 2898-2903 (1994)
	DY	Herberman <i>et al.</i> , Adoptive therapy with purified CD8 cells in HIV infection, <u>AIDS/Cancer Therapies</u> , 35-44.
	DZ	Ho <i>et al.</i> , A phase 1 study of adoptive transfer of autologous CD8 <sup>+</sup> lymphocytes in patients with acquired immunodeficiency syndrome (AIDS)-related complex or AIDS, <u>Blood</u> 81: 2093-2101 (1993)
	EA	Hsieh <i>et al.</i> , Differential regulation of T helper phenotype development by interleukins 4 and 10 in an $\alpha\beta$ T-cell-receptor transgenic system, <u>Proc. Natl. Acad. Sci. USA</u> 89: 6065-6089 (1992).

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<i>RBS</i>	EB	Huet <i>et al.</i> , T cell activation via CD2 [T, gp50]: The role of accessory cells in activating resting T cells via CD2, <u>J. Immunol.</u> 137: 1420-1428 (1986)
	EC	Igletseme <i>et al.</i> , Resolution of murine chlamydial genital infection by the adoptive transfer of a biovar-specific, TH <sub>1</sub> Lymphocyte clone, <u>Regional Immunology</u> 5: 317-324 (1993)
	ED	Jensen <i>et al.</i> , Production of anchorage-dependent cells-problems and their possible solutions, <u>Biotechnol. Bioeng.</u> 23: 2703-2716 (1981)
	EE	Klimas <i>et al.</i> , Clinical and immunological changes in AIDS patients following adoptive therapy with activated autologous CD8 T cells and interleukin-2 infusion, <u>AIDS</u> 8: 1073-1081 (1994)
	EF	Knazek <i>et al.</i> , Cell culture on artificial capillaries: An approach to tissue growth <i>in vitro</i> , <u>Science</u> 173: 65-67 (1972)
	EG	Knazek <i>et al.</i> , Hormone production by cells grown in vitro on artificial capillaries, <u>Exp. Cell Res.</u> 84: 251-254 (1974)
	EH	Knazek <i>et al.</i> , Brief communication: Formation of solid human mammary carcinoma <i>in vitro</i> , <u>J. Natl. Cancer Inst.</u> 58: 419-422 (1977)
	EI	Koretz <i>et al.</i> , Randomized study of interleukin 2 (IL-2) alone vs IL-2 plus lymphokine-activated killer cells for treatment of melanoma and renal cell cancer, <u>Arch. Surg.</u> 126: 898-903 (1991)
	EJ	Lane <i>et al.</i> , Harvesting and enrichment of hematopoietic progenitor cells mobilized into the peripheral blood of normal donors by granulocyte-macrophage colony-stimulating factor (GM-CSF) or G-CSF: Potential role in allogeneic marrow transplantation, <u>Blood</u> 85: 275-282 (1995)
	EK	Lea <i>et al.</i> , Characterization of human mononuclear cells after positive selection with immunomagnetic particles, <u>Scand. J. Immunol.</u> 23: 509-519 (1986)
	EL	Lea <i>et al.</i> , Magnetic Monosized polymer particles for fast and specific fractionation of human mononuclear cells, <u>Scan. J. Immunol.</u> 22: 207-216 (1985)
	EM	Ledbetter <i>et al.</i> , Signal transduction through CD4 receptors: Stimulatory vs. inhibitory activity is regulated by CD4 proximity to the CD3/T cell receptor, <u>Eur. J. Immunol.</u> 18: 525-532 (1988)
	EN	Ledbetter <i>et al.</i> , Antibodies to Tp67 and Tp44 augment and sustain proliferative responses of activated T cells, <u>J. Immunol.</u> 135: 2331-2336 (1985)
	EO	Ledbetter <i>et al.</i> , Antibodies to common leukocyte antigen p220 influence human T cell proliferation by modifying IL 2 receptor expression, <u>J. Immunol.</u> 135: 1819-1825 (1985)

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✓ 23)	EP	Liblau <i>et al.</i> , Th1 and Th2 CD4 <sup>+</sup> T Cells in the pathogenesis of organ-specific autoimmune diseases, <u>Immunology Today</u> 16: 34-38 (1995)
	EQ	Lindqvist <i>et al.</i> , Enhanced IL-4-mediated D10.G4.1 Proliferation with suboptimal concentrations of anti-IL-4 receptor Monoclonal antibodies, <u>J. Immunol.</u> 150: 394-398 (1993)
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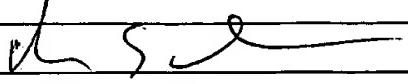
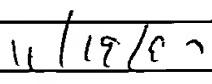
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